Weather Observation Station 19 ☆

130 more points to get your gold badge!

Rank: **100587** | Points: **520/650**

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You are now 130 points away from the gold level for your sql badge.

Try the next challenge

Problem Submissions Leaderboard

Consider $P_1(a, c)$ and $P_2(b, d)$ to be two points on a 2D plane where (a, b) are the respective minimum and maximum values of Northern Latitude (LAT_N) and (c, d) are the respective minimum and maximum values of Western Longitude (LONG_W) in **STATION**.

Query the Euclidean Distance between points P_1 and P_2 and format your answer to display 4 decimal digits.

Input Format

The **STATION** table is described as follows:

STATION

Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where LAT_N is the northern latitude and LONG_W is the western longitude.

Current Buffer (saved locally, editable) MySQL

```
1 /*
2 Enter your query here.
3 */
4 SELECT ROUND(SQRT(POWER(MAX(LAT_N)-MIN(LAT_N),2)+POWER(MAX(LONG_W)-MIN(LONG_W),2)),4) FROM STATION
```